



#7

Docket:
90065.161501 /17732.6134.003

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant:	Jun Zeng)	Examiner:
)	M. Trinh
Serial No.:	09/551,187)	
)	
Filed:	April 17, 2000)	Art Unit:
)	2822
For:	SEMICONDUCTOR DEVICE HAVING)	
	REDUCED EFFECTIVE SUBSTRATE)	
	RESISTIVITY AND ASSOCIATED METHODS)	

AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

RECEIVED
MAR 04 2002
OFFICE OF PETITIONS

Dear Sir:

In response to the office action mailed May 9, 2001, please amend the above patent application as follows:

IN THE CLAIMS

Please cancel claims 52 -75 and insert the following new claims:

76. A method for making a semiconductor device comprising a semiconductor substrate having a lowered effective electrical resistivity, the method comprising:
- in a first surface, forming a plurality of source regions of dopants of one polarity, said source regions all electrically connected together;
 - in the substrate below the source regions forming a drain layer of dopants of the same polarity as the source regions;
 - between the source regions and the drain layer, forming well regions of dopants of opposite polarity to define channels between the source regions and the drain layer;
 - forming gate regions over the channels and between the source regions and the drain

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Jun Zeng

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Serial No.

09/551,187

Filing Date

April 17, 2000

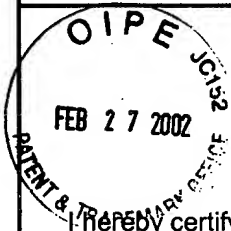
Examiner

M. Trinh

Group Art Unit

2822

Invention: **SEMICONDUCTOR DEVICE HAVING REDUCED EFFECTIVE SUBSTRATE RESISTIVITY AND ASSOCIATED METHODS**

I hereby certify that this Amendment*(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

February 14, 2002*(Date)*Penny P. Clements*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Jun Zeng

Docket No.

90065.161501/17732.6314.003

Serial No.
09/551,187Filing Date
April 17, 2000Examiner
M. TrinhGroup Art Unit
2822Invention: SEMICONDUCTOR DEVICE HAVING REDUCED EFFECTIVE SUBSTRATE RESISTIVITY AND
ASSOCIATED METHODS**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	29 -	24 =	5 x	\$18.00	\$90.00
INDEP. CLAIMS	2 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$90.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. 10-0223 in the amount of \$90.00
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 10-0223
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.


Signature

Dated: 2/14/02

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20231.


Signature of Person Mailing Correspondence

Penny P. Clements

Typed or Printed Name of Person Mailing Correspondence

CC: